



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 2, 2015	EPA Reg. No./File	6836-107	Page 1 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. - 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550 - 830.1670	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	47759501 44351501 41458601 41376601 00131973	LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN	
830.1700 - 830.1800	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	47916501 47872801 47759502 44351502 41376601 00131973	LONZA LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN OWN	
830.6302	Color	47759503	LONZA	OWN	
830.6303	Physical State	47759503	LONZA	OWN	
830.6304	Odor	47759503	LONZA	OWN	
830.6313	Stability	47759503	LONZA	OWN	
830.6314	Oxidation/Reduction: Chemical Compatibility	Not Applicable			Footnote 1
830.6315	Flammability	Not Applicable			Footnote 2
830.6316	Explosibility	Not Applicable			Footnote 3
830.6317	Storage Stability	48054401	LONZA	OWN	--
830.6319	Miscibility	Not Applicable			Footnote 4
830.6320	Corrosion Characteristics	48054401	LONZA	OWN	--
830.6321	Dielectric Breakdown Voltage	Not Applicable			Footnote 5
830.7000	pH	47759503	LONZA	OWN	--
830.7050	UV Visible Absorption	47759503	LONZA	OWN	--
830.7100	Viscosity	Not Applicable			Footnote 6
830.7200	Melting Point	47759504	LONZA	OWN	--
830.7220	Boiling Point	Not Applicable			Footnote 7
830.7300	Density	47759503	LONZA	OWN	--
830.7370	Dissociation Constant	Not Applicable			Footnote 8
830.7550	Partition Coefficient - Shake Flask Method	44641702 40733903	LONZA LONZA	OWN OWN	--
830.7570	Partition Coefficient - Estimation by Liquid	Not Applicable			Footnote 9

Signature <i>Liane Jenkins</i>	Name and Title: Liane Jenkins, Sr Regulatory Compliance Specialist	Date June 2, 2015
-----------------------------------	---	----------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 2, 2015		EPA Reg. No./File 6836-107		Page 2 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Chromatography				
830.7840	Solubility	44641704	LONZA	OWN	
830.7860		44641703	LONZA	OWN	
830.7950	Vapor Pressure	44641701	LONZA	OWN	
		40733904	LONZA	OWN	
		40733902	LONZA	OWN	
NON-TARGET ORGANISMS					
850.1010	Acute Toxicity to Freshwater Invertebrates <i>daphnia magna</i>	42044005 00131981	LONZA LONZA	OWN OWN	
850.1025	Oyster Acute Toxicity Test (Shell Deposition)	48009001	LONZA	OWN	
850.1035	Mysid Acute Toxicity Test	47623002	LONZA	OWN	
850.1055	Bivalve Acute Toxicity Test	Waived			
850.1075	Freshwater Fish Toxicity: Bluegill Sunfish	46891703 00131980 00131979	LONZA LONZA LONZA	OWN OWN OWN	Carp
850.1075	Freshwater Fish Toxicity: Rainbow Trout	46909101 42044004	LONZA LONZA	OWN OWN	
850.1075	Acute Toxicity – Estuarine (sheepshead minnow)	47623001	LONZA	OWN	
No Guideline – Special Study	Acute Toxicity to Carp	46891703	LONZA	OWN	
850.1300	Aquatic Invertebrate Life Cycle	46909102	LONZA	OWN	Reproduction
850.1400	Fish Early Life-Stage Toxicity	46909101 48143101	LONZA LONZA	OWN OWN	
850.2100	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck	43723501 42185401 42044001 41553202 41553201 41437702	LONZA LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN OWN	Mallard Quail Duck Quail Duck

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 2, 2015	EPA Reg. No./File	6836-107	Page 3 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. - 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		41437701 00153935 00131974 00131975	LONZA LONZA LONZA LONZA	OWN OWN OWN OWN	Quail Duck Quail
850.2200	Avian Subacute Dietary Toxicity: Bobwhite Quail	46891704 42044002 41553203 41437703 00131978 00131976	LONZA LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN OWN	
850.2200	Avian Subacute Dietary Toxicity: Mallard Duck	46721001 42044003 41553204 41437704 00131977	LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN	Addendum to 42867902
850.2300	Avian & Mammalian Testing - Avian Reproduction	44237701 43224001 46721001 42867902 42867901 42809301 42477501 42270701	LONZA LONZA LONZA LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN OWN OWN OWN	Mallard Quail Mallard Quail
850.4100	Terrestrial Plants Toxicity (seedling emergence)	48555402 48633501	LONZA LONZA	OWN OWN	
850.4150	Terrestrial Plant Toxicity (vegetative vigor)	48555401	LONZA	OWN	
850.4400	Aquatic Plant Toxicity Test Using Lemna	48143102	LONZA	OWN	
No Guideline - Special Study	Aversion/Palability Studies	46891704 46891705 47268901	LONZA LONZA LONZA	OWN OWN OWN	Japanese Quail House Sparrow Dog
Mammalian Toxicology					

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 2, 2015	EPA Reg. No./File	6836-107	Page 4 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Acute Oral Toxicity	47759505 46719101 00153935 00131969 00131435	LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN	
870.1200	Acute Dermal Toxicity	47759506 00131434	LONZA LONZA	OWN OWN	
870.1300	Acute Inhalation Toxicity	Not Applicable			Footnote 10
870.2400	Primary Eye Irritation	42068801 00131970	LONZA LONZA	OWN OWN	
870.2500	Primary Dermal Irritation	47759507 00131971	LONZA LONZA	OWN OWN	
870.2600	Skin Sensitization	47759508 00145015	LONZA LONZA	OWN OWN	
870.3100	Subchronic Rodent Oral Toxicity, 90-Day	43297701	LONZA	OWN	
No Guideline – Special Study	28-Day Rodent Oral Toxicity	44237704	LONZA	OWN	
870.3150	Subchronic Nonrodent Oral Toxicity, 90-Day	00131432	LONZA	OWN	
870.3200	Subacute or Subchronic Exposure - 21-Day Dermal Toxicity (Repeat Exposure)	42063401	LONZA	OWN	
870.3700	Teratogenicity/ Developmental Toxicity	44237703 44237702 41656001 41590501 00115615	LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN	Rabbit Rat Rat Rabbit Rat
870.3800	Reproduction and Fertility Effects	44237705 42823101 40986001 00131431 00131430 00115615	LONZA LONZA LONZA LONZA LONZA LONZA	OWN OWN OWN OWN OWN OWN	Rat Rat Rat Rat Rat
870.4100	Chronic Feeding Toxicity (dog)	46378401	LONZA	OWN	Dog

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 2, 2015	EPA Reg. No./File	6836-107	Page 5 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. - 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		42219101	LONZA	OWN	
		42203601	LONZA	OWN	
		41851501	LONZA	OWN	Dog
		41841501	LONZA	OWN	Dog
		41458602	LONZA	OWN	Dog
		00142308	LONZA	OWN	Dog
		00131432	LONZA	OWN	Dog
		00131431	LONZA	OWN	Rat
		00131430	LONZA	OWN	Rat
870.4200	Oncogenicity (mice)	44810901	LONZA	OWN	Mouse
		44625101	LONZA	OWN	
		43297701	LONZA	OWN	Mouse
		42737201	LONZA	OWN	Mouse
870.4300	Chronic & Long-Term - Combined Toxicity/Oncogenicity	42219101	LONZA	OWN	
		42100001	LONZA	OWN	
		42203601	LONZA	OWN	
870.5100	Genetic Toxicity - Bacterial Reverse Mutation Test	48666101	LONZA	OWN	
		42044007	LONZA	OWN	
		42044006	LONZA	OWN	
		41553205	LONZA	OWN	
		00163832	LONZA	OWN	
		00163831	LONZA	OWN	
		00131433	LONZA	OWN	
870.5300	In Vitro Mammalian Cell Gene Mutation Test	41553206	LONZA	OWN	
		48721401	LONZA	OWN	
870.5385	Mammalian Bone Marrow Chromosomal Aberration Test	48788201	LONZA	OWN	
870.5395	Mammalian Erythrocyte micronucleus Test	47959801	LONZA	OWN	
870.6200	Subchronic Neurotoxicity Screening Battery	46223401	LONZA	OWN	
		Waiver Request			Footnote 11
870.7485	Metabolism and Pharmacokinetics	44783202	LONZA	OWN	
		42300901	LONZA	OWN	

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 2, 2015		EPA Reg. No./File 6836-107		Page 6 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.7800	Immunotoxicity	Waiver Request			Footnote 11
Special Study	Cell Proliferation and Apoptosis in Mouse Liver	44675501 44810901 46524303	LONZA LONZA LONZA	OWN OWN OWN	--
ENVIRONMENTAL FATE					
875.1200	Applicator Exposure	Not Required	Not Required	Not Required	
835.2110 or 835.2120	Hydrolysis	41114701 00131972 00131427	LONZA LONZA LONZA	OWN OWN OWN	
835.2240	Photodegradation in water	41337401	LONZA	OWN	
161-3	Fate in Soil - Photodegradation on Soil (Photolysis)	41507701	LONZA	OWN	
162-1	Fate in Soil - Aerobic Soil Metabolism	41546001 00131428	LONZA LONZA	OWN OWN	
162-2	Fate in Soil - Anaerobic Soil Metabolism	41507702	LONZA	OWN	
162-3	Anaerobic Aquatic Metabolism	Not Required			Footnote 12
162-4	Aerobic Aquatic Metabolism	Not Required			Footnote 12
835.1230 or 835.1240	Leaching and Adsorption/Desorption	41675101 41228001	LONZA LONZA	OWN OWN	
163-2	Fate in Soil - Volatility	44783201 42733901	LONZA LONZA	OWN OWN	
164-1	Fate in Soil - Dissipation	42345901 42287001	LONZA LONZA	OWN OWN	
165-0	Fate in Mixed Systems – Ecosystems (Accumulation Studies)	00131983	LONZA	OWN	
860.1900	Field Accumulation in Rotational Crops	47623004	LONZA	OWN	
850.1730	Bioconcentration In Fish Organisms	Not Required			Footnote 12
No Guideline – Special Study	Concentrations in Surface and Groundwater	47623003 46655303 46655301	LONZA LONZA LONZA	OWN OWN OWN	
RESIDUE CHEMISTRY					
860.1100	Chemical Identity	47759501	LONZA	OWN	

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 2, 2015

EPA Reg. No./File **6836-107**

Page 7 of 9

Applicant's/Registrant's Name & Address:

LONZA, Inc. - 90 Boroline Road, Allendale, NJ 07401

Product

Lonza Meta Metaldehyde Technical Molluscicide

Ingredient(s): **Metaldehyde (PC Code 53001)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1200	Directions for Use	---	---	---	Footnote 13
860.1300	Nature of the Residue - Plants	44987401	LONZA	OWN	Lettuce
		43923302	LONZA	OWN	Sugar Beets
		43923301	LONZA	OWN	Lettuce
		44783203	LONZA	OWN	Strawberry
		42092701	LONZA	OWN	Strawberry
860.1340	Residue Analytical Method	44549301	LONZA	OWN	
		45001101	LONZA	OWN	
860.1360	Multiresidue Method	44549301	LONZA	OWN	
		45001101	LONZA	OWN	
860.1500	Residues in Food or Feed	47959802	LONZA	OWN	Lettuce
		46010509	LONZA	OWN	Strawberries
		46010508	LONZA	OWN	Tomatoes
		46010507	LONZA	OWN	Lettuce
		46010506	LONZA	OWN	Grapefruits
		46010505	LONZA	OWN	Oranges
		46010504	LONZA	OWN	Lemons
		46010503	LONZA	OWN	Mustard Greens
		46010502	LONZA	OWN	Cabbage
		46010501	LONZA	OWN	Broccoli
		44530905	LONZA	OWN	Oranges
		44530904	LONZA	OWN	Lettuce
		44530903	LONZA	OWN	Cucumbers
		44530902	LONZA	OWN	Tomatoes
		44530901	LONZA	OWN	Strawberries
		45624801	IR-4	PL	Prickly Pear Cactus
		48898205	IR-4	PL	Corn
		48898206	IR-4	PL	Soybeans
		48898201	IR-4	PL	Grass(seed)
		48898203	IR-4	PL	Mint
		48898202	IR-4	PL	Celery
		48898204	IR-4	PL	Taro
		49277201	IR-4	PL	Bean&Pea (edible)
		49277202	IR-4	PL	Bean (succulent)

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 2, 2015	EPA Reg. No./File	6836-107	Page 8 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		49277203 49277204 49277205 To be assigned To be assigned To be assigned	IR-4 IR-4 IR-4 IR-4 IR-4 IR-4	PL PL PL PL PL PL	Pea (succulent) Clover Ginseng Wheat Beet, Turnip, Rutabaga Hops
860.1502	Processed Food/Feed	46010510	LONZA	OWN	Tomatoes
860.1550	Proposed Tolerances	---	IR-4	--	Footnote 14
860.1560	Reasonable Grounds in Support of Petition	---	IR-4	--	Footnote 15
860.1650	Submittal of Analytical Reference Standard	---	---	---	Footnote 16
860.1900	Field Accumulation in Rotational Crops	47623004	LONZA	OWN	
No Guideline – Special Study	Dietary Exposure and Risk Assessment of Non-Target Organisms	46524301 44987402 To be assigned	LONZA LONZA LONZA	OWN OWN OWN	Footnote 17
PRODUCT PERFORMANCE					
810.3000	Screening Level Assessment of Inert Ingredients Used in Metaldehyde-based Home and Garden Products	47712901	LONZA	OWN	
	Pesticide Use - Product Performance (Efficacy)	47889101 00131425	LONZA LONZA	OWN OWN	
NON-GUIDELINE STUDIES					
No Guideline – Special Study	Subacute or Subchronic Exposure - Oral or Dietary/ Wildlife - Other Terrestrial Invertebrates	00131982	LONZA	OWN	Earthworms
No Guideline – Special Study	Non-Dietary (residential) Risk Assessment	46524304 46524302	LONZA LONZA	OWN OWN	
No Guideline – Special Study	Aggregate Exposure	46655302	LONZA	OWN	

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

June 2, 2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

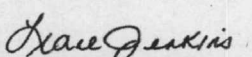
Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 2, 2015	EPA Reg. No./File	6836-107	Page 9 of 9
Applicant's/Registrant's Name & Address: LONZA, Inc. — 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide		
Ingredient(s): Metaldehyde (PC Code 53001)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status
				Note

FOOTNOTES:

1. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product does not contain any oxidizing or reducing compounds.
2. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is a solid and does not contain any combustible liquids.
3. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not potentially explosive.
4. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not an emulsifiable liquid that is to be diluted with petroleum solvents.
5. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not a liquid end-use product that is to be used in or around electrical outlets.
6. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not a liquid.
7. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not a liquid at room temperature.
8. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product does not have any dissociable groups.
9. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that a partition coefficient study with Technical Metaldehyde was performed using the shake flask method.
10. USEPA approved the submitted Waiver Request on the letter dated 3/17/2009. Based on the information provided in the Waiver Request, the Agency classified LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE to be Toxicity Category IV for the inhalation route of exposure.
11. Waiver requested for these studies were submitted as part of the Crop Tolerance Petition on celery, mint, taro, corn, soybean and grasses on July 30, 2012
12. According to the Reregistration Eligibility Document (RED) for metaldehyde, these studies are not required.
13. Directions for use for the new crops (wheat, beet (garden and garden tops), turnip (root and tops), rutabaga, and hop) are presented in the attached tolerance petition.
14. Proposed tolerances for the new crops (wheat, beet (garden and garden tops), turnip (root and tops), rutabaga, and hop) are presented in the attached tolerance petition.
15. Reasonable grounds in support of the petition are presented in the attached tolerance petition.
16. An analytical reference sample for metaldehyde was previously submitted to the Agency.
17. A dietary exposure and risk assessment for the new crops is attached.

Signature 	Name and Title: Liane Jenkins, Sr Regulatory Compliance Specialist	Date June 2, 2015
--	---	----------------------



Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

Date	September 5, 2013	EPA Reg. No./File	6836-107	Page 1 of 9
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
					Footnote 1
					Footnote 2
					Footnote 3
			LONZA	OWN	--
					Footnote 4
			LONZA	OWN	--
					Footnote 5
			LONZA	OWN	--
			LONZA	OWN	--
					Footnote 6
			LONZA	OWN	--
					Footnote 7
			LONZA	OWN	--
					Footnote 8
			LONZA LONZA	OWN OWN	--
		Footnote 9			

September 5, 2013

**401 M Street, S.W.
WASHINGTON, D.C. 20460**

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	September 5, 2013
------	-------------------

EPA Reg. No./File **6836-107**

Page 2 of 9

Applicant's/Registrant's Name & Address:

LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401

Product

Lonza Meta Metaldehyde Technical Molluscicide

Ingredient(s): **Metaldehyde (PC Code 53001)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	Carp
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	Reproduction
			LONZA	OWN	
			LONZA	OWN	
LONZA	OWN	Mallard			
LONZA	OWN	Quail			
LONZA	OWN	Duck			
LONZA	OWN	Duck			
LONZA	OWN	Quail			
LONZA	OWN	Duck			
LONZA	OWN	Quail			
LONZA	OWN				
LONZA	OWN	Duck			
LONZA	OWN	Quail			

Signature

Have Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

	Date
--	-------------

September 5, 2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	September 5, 2013	EPA Reg. No./File	6836-107	Page 3 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	Addendum to 42867902
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	Mallard Quail Mallard Quail
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
LONZA	OWN				
LONZA	OWN	Japanese Quail House Sparrow Dog			
LONZA	OWN				
LONZA	OWN				
LONZA	OWN				
LONZA	OWN				
LONZA	OWN				
LONZA	OWN				

Signature

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

September 5, 2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date September 5, 2013		EPA Reg. No./File 6836-107		Page 6 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
					Footnote 12
					Footnote 12
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
					Footnote 12
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			---	---	Footnote 13
			LONZA	OWN	Lettuce
LONZA	OWN	Sugar Beets			
LONZA	OWN	Lettuce			
LONZA	OWN	Strawberry			
LONZA	OWN	Strawberry			
LONZA	OWN				
LONZA	OWN				
LONZA	OWN				

Signature

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

September 5, 2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date September 5, 2013		EPA Reg. No./File 6836-107		Page 7 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LONZA	OWN	
			LONZA	OWN	Lettuce
			LONZA	OWN	Strawberries
			LONZA	OWN	Tomatoes
			LONZA	OWN	Lettuce
			LONZA	OWN	Grapefruits
			LONZA	OWN	Oranges
			LONZA	OWN	Lemons
			LONZA	OWN	Mustard Greens
			LONZA	OWN	Cabbage
			LONZA	OWN	Broccoli
			LONZA	OWN	Oranges
			LONZA	OWN	Lettuce
			LONZA	OWN	Cucumbers
			LONZA	OWN	Tomatoes
			LONZA	OWN	Strawberries
			IR-4	PL	Corn
			IR-4	PL	Soybeans
			IR-4	PL	Grass(seed)
			IR-4	PL	Mint
			IR-4	PL	Celery
			IR-4	PL	Taro
			IR-4	PL	Bean&Pea (edible)
			IR-4	PL	Bean (succulent)
			IR-4	PL	Pea (succulent)
			IR-4	PL	Clover
			IR-4	PL	Ginseng
			LONZA	OWN	Tomatoes
			IR-4	--	Footnote 14
			IR-4	--	Footnote 15
			---	---	Footnote 16
			LONZA	OWN	
			LONZA	OWN	

Signature

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

September 5, 2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	September 5, 2013	EPA Reg. No./File	6836-107	Page 8 of 9	
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide			
Ingredient(s): Metaldehyde (PC Code 53001)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LONZA	OWN	Footnote 17
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	Earthworms
			LONZA	OWN	
			LONZA	OWN	
			LONZA	OWN	

Signature

Liane Jenkins

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

September 5, 2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	September 5, 2013	EPA Reg. No./File	6836-107	Page 9 of 9
Applicant's/Registrant's Name & Address: LONZA, Inc. – 90 Boroline Road, Allendale, NJ 07401		Product Lonza Meta Metaldehyde Technical Molluscicide		
Ingredient(s): Metaldehyde (PC Code 53001)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status
				Note

FOOTNOTES:

1. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product does not contain any oxidizing or reducing compounds.
2. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is a solid and does not contain any combustible liquids.
3. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not potentially explosive.
4. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not an emulsifiable liquid that is to be diluted with petroleum solvents.
5. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not a liquid end-use product that is to be used in or around electrical outlets.
6. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not a liquid.
7. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product is not a liquid at room temperature.
8. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that the product does not have any dissociable groups.
9. These data are *not required* for LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE given that a partition coefficient study with Technical Metaldehyde was performed using the shake flask method.
10. USEPA approved the submitted Waiver Request on the letter dated 3/17/2009. Based on the information provided in the Waiver Request, the Agency classified LONZA META METALDEHYDE TECHNICAL MOLLUSCICIDE to be Toxicity Category IV for the inhalation route of exposure.
11. Waiver requested for these studies were submitted as part of the Crop Tolerance Petition on celery, mint, taro, corn, soybean and grasses on July 30, 2012
12. According to the Reregistration Eligibility Document (RED) for metaldehyde, these studies are not required.
13. Directions for use for the new crops (clover, ginseng, pea and bean (edible podded), pea & bean (succulent shelled)) are presented in the attached tolerance petition.
14. Proposed tolerances for the new crops ((clover, ginseng, pea and bean (edible podded), pea & bean (succulent shelled)) are presented in the attached tolerance petition.
15. Reasonable grounds in support of the petition are presented in the attached tolerance petition.
16. An analytical reference sample for metaldehyde was previously submitted to the Agency.
17. A dietary exposure and risk assessment for the new crops is attached.

Signature

Name and Title:

Liane Jenkins, Sr Regulatory Compliance Specialist

Date

September 5, 2013